

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/526,125
		Filing Date	(Intl.) September 1, 2003
		First Named Inventor	Mariagrazia PIZZA
		Art Unit	1652
		Examiner Name	G. Raghu
Sheet	1	of	2
		Attorney Docket Number	PAT051728-US-PCT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number/Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/G.R./	1.	US-7,115,730-B1	10-03-2006	Pizza et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number/Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>

Examiner Signature		Date Considered	
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\*EXAMINER Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>4</sup>
/G.R./	2.	ALA'ALDEEN, D. et al. (1996). "Cloning, Sequencing, Characterization and Implications for Vaccine Design of the Novel Dihydropolyl Acetyltransferase of Neisseria Meningitidis," <i>Journal of Medical Microbiology</i> 45:419-432.			
	3.	Database Accession No. AX236858, last updated September 26, 2001, located at < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=15796444">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=15796444</a> >, last visited on January 26, 2009, 1 page.			
	4.	Database EMBL Accession No. AE002482, last updated May 25, 2000, located at < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=7226577">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=7226577</a> >, last visited on January 22, 2009, 8 pages.			
	5.	Database EMBL Accession No. AX044032, last updated November 24, 2000, located at < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=11342916">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=11342916</a> >, last visited on January 23, 2009, 99 pages.			
	6.	Database EMBL Accession No. CAA41592, last updated September 23, 1991, located at < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;id=48421">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;id=48421</a> >, last visited on January 23, 2009, 2 pages.			
	7.	Database EMBL Accession No. X77920, last updated May 14, 1999, located at < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=534954">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=534954</a> >, last visited on January 22, 2009, pages.			
	8.	Database EMBL Accession No. X82637, last updated January 7, 1997, located at < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=57781">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucore&amp;id=57781</a> >, last visited on January 22, 2009, 3 pages.			
	9.	Database SWALL Accession No. Q9JZ10, last updated October 31, 2006, located at < <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;id=81784521">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;id=81784521</a> >, last visited on January 22, 2009, 2 pages.			
/G.R./	10.	Database EMBL Accession No. AAA81487 DATABASE EMBL [Online] 4 December 2000 (2000-12-04) FRAZER, C.M. et al. (2000-04-20). "N. meningitidis partial DNA sequence gnm_35 SEQ ID No. 35" retrieved from EBI			

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Sheet	2	of	2	Attorney Docket Number	PAT051728-US-PCT

/G.R./	Database accession no. AAA81487 XP002239408 & WO 00 22430 A (CHIRON CORP.).	
	11. Database EMBL Accession No. AAY96654 DATABASE EMBL [Online] MASON, H. S. AND ARNTZEN, C.J. (2000-06-29): "Plant-optimized mutant V.cholera toxin subunit K63" retrieved from EBI Database accession no. AAY96654 XP002239411.	
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	21. United States Office Action mailed on December 11, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 15 pages.	
	22. United States Office Action mailed on March 3, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 20 pages.	
	23. United States Office Action mailed on June 16, 2008, for U. S. Application No. 10/472,681 filed on September 2, 2004, 17 pages.	
	24. United States Office Action mailed on March 20, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 18 pages.	
	25. United States Office Action mailed on March 28, 2007, for U. S. Application No. 10/472,681 filed on September 2, 2004, 20 pages.	
	26. Response to United States Office Action mailed on September 28, 2007, for U. S. Application No. 10/472,681 filed on September 2, 2004, 15 pages.	
	27. Response to United States Office Action mailed on December 15, 2008, for U. S. Application No. 10/472,681 filed on September 2, 2004, 15 pages.	
	28. Response to United States Office Action mailed on August 17, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 13 pages.	
	29. Response to United States Office Action mailed on April 12, 2010, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 11 pages.	
↓ /G.R./	30. United States Office Action mailed on July 1, 2010, for U. S. Application No. 10/472,681 filed on September 2, 2004, 14 pages.	

Examiner Signature	/Ganapathiram Raghu/	Date Considered	10/04/2010
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